

APRIL/MAY 2024

**CIM62/BIM62 — SOFTWARE  
ENGINEERING**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is meant by factor?
2. What are characteristics of software planning?
3. Define software.
4. What is modularization criteria?
5. What is software notation?
6. Define modules.
7. What are scoping rules?
8. List out user defined data features.
9. What is web application design?
10. Define source code.



SECTION B — (5 × 5 = 25 marks)

11. (a) Explain about program and software in detail.

Or

- (b) Explain the challenges faced in Goals and requirement.

12. (a) What is the use of software techniques? Explain.

Or

- (b) How do you estimate the maintenance cost of the software? Explain with process models.

13. (a) Discuss the project planning activities.

Or

- (b) Write a note on design consideration milestones.

14. (a) Write a short note on software states techniques.

Or

- (b) Illustrate modern programming languages and user data types with example.

15. (a) Write a short note on the system testing and unit testing.

Or

- (b) Explain about the software testing techniques.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain detail about planning an organizational structure.

17. Explain about software maintenance cost.

18. Discuss in detailed about design guidelines plan issues.

19. Summarize scope of type checking design.

20. Describe about software documentation.

